



Enkadrain[®]

Geocomposite for drainage and filtration

PRODUCT DATA

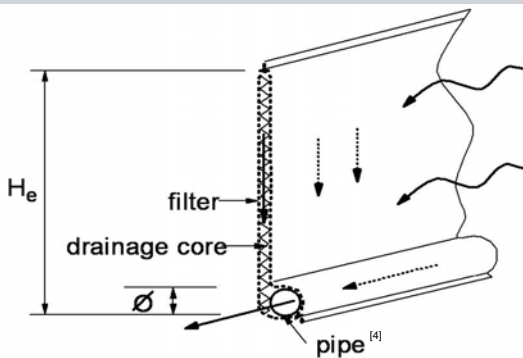
Findrain 5006H

Properties geocomposite

| | | |
|--|------------------|---|
| Hydraulic gradient | load | Flow capacity ^[1] in l/(s.m), (EN ISO 12958) |
| | kPa | |
| i = 1 | 20 | 0.4 |
| Polymer (core/fleece) | | PP / PET-PA |
| Mass per unit area (EN ISO 9864) | g/m ² | 600 |
| Thickness (EN ISO 9863-1) | mm | 6 |
| Tensile strength (md/cmd) ^[2] (EN ISO 10319) | kN/m | 12 |
| Elongation at break (md/cmd) ^[2] (EN ISO 10319) | % | 30 |
| Dynamic perforation (Cone drop) (EN ISO 13433) | mm | 15 |
| Opening size (O ₉₀) (EN ISO 12956) | µm | 180 |
| Water permeability (V _{IH50}) (EN ISO 11058) | mm/s | 200 |

Dimensions

| Dimensions | | /1.0 + 200 | /0.50 + 200 |
|--|----|------------|-------------|
| Length x width of geocomposite [H _e] | m | 50 x 1.0 | 50 x 0.50 |
| Length / diameter of roll | m | 1.2 / 0.7 | 0.7 / 0.7 |
| Gross weight ^[3] | kg | 31.5 | 18 |



"Findrain" type of drain

Discharge capacity of ribbed, flexible, perforated pipes ^[4]:

| Hydraulic gradient | Discharge capacity in l/s at nominal pipe diameter in mm | | |
|--------------------|--|--------|--------|
| | 125 mm | 160 mm | 200 mm |
| % | | | |
| 0.1 | 1.3 | 2.5 | 4.7 |
| 0.5 | 4.0 | 7.6 | 13.0 |
| 1.0 | 4.4 | 8.3 | 15.0 |
| 2.0 | 11.0 | 21.0 | 40.0 |

The allowable distance between the outfalls has to be calculated based on the expected groundwater flow towards the findrain and the specified drainage capacities of findrain and pipe.

The values given are indicative values obtained in our laboratories and independent testing institutes. The material must be covered within 14 days after installation.

[1] Flow capacity is tested in cross machine direction under foam/foam circumstances.

[2] md = machine direction / cmd = cross machine direction.

[3] Gross weight = geocomposite + core + packaging, individual values may vary.

[4] Pipe not included.

